

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant:	Gilyong Chung, et al	Examiner:	George R. Fourson III
Serial No.:	09/818,193	Group Art Unit:	2823
Filed:	March 26, 2001	Docket No.:	14506-44054 (Formerly 2026.000900/VU0037)
Title:	Inclusion Of Nitrogen At The Silicon Dioxide-Silicon Carbide Interface For Passivation Of Interface Defects		

By: Tim Tingkang Xia

June 6, 2005

**CUSTOMER NO. 24728**

We are transmitting herewith the attached:

- ☒ Transmittal Sheet containing Certificate of Mailing
- ☒ Issue Fee Transmittal Part B (PTOL-85)
- ☒ Submission of Formal Drawings
- ☒ Full Set of Replacement Formal Drawings (6 pages)
- ☒ Complete Set of Formal Drawings As Originally Filed Showing Changes Made in Red-Line (6 pages)
- ☒ Copy of Notice Regarding Drawings (1 page)
- ☒ Copy of Draftsperson's Patent Drawing Review (1 page)
- ☒ Credit Card Authorization Form-2038 in the amount of \$730.00 (Issue Fee and Ten (10) Soft Copies of Patent)

By: Tim Tingkang Xia  
Name: Tim Tingkang Xia  
Reg. No.: 45,242  
TX

Customer No. 24728



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Gilyong Chung, et al	Examiner:	George R. Fourson III
Serial No.:	09/818,193	Group Art Unit:	2823
Filed:	March 26, 2001	Docket No.:	14506-44054 (Formerly 2026.000900/VU0037)
Title:	Inclusion Of Nitrogen At The Silicon Dioxide-Silicon Carbide Interface For Passivation Of Interface Defects		

By: Tim Tingkang Xia

**Mail Stop: Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

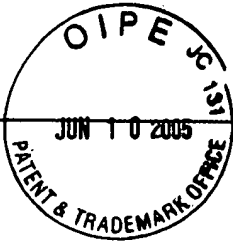
**CUSTOMER NO. 24728**

In response to the Notice Regarding Drawings mailed May 24, 2005 (the "Notice"), submitted herewith are Six (6) sheet(s) of formal drawings for completion of this application, and in compliance with the requirements of the Notice to Correct Certain Informalities. This set of formal drawings replaces the original set of drawings as filed. Attached please also find annotated sheets of drawings showing changes in red-line to correct certain informalities. Applicants assert that no new matter is added.

MORRIS, MANNING & MARTIN, LLP

Tim Tingkang Xia  
Reg. No. 45,242  
Attorney for Assignee on the Record  
TTX

**MORRIS, MANNING & MARTIN, LLP**  
1600 Atlanta Financial Center  
3343 Peachtree Road, N.E.  
Atlanta, Georgia 30326-1044  
Phone: 404-233-7000  
Direct: 404-495-3678  
**Customer No. 24728**



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMES APPLICANT	ATTORNEY DOCKET NUMBER
09/818,193	03/26/01	Gilyong Chung	2026.000900/VU0037

MORRIS MANNING & MARTIN LLP  
1600 ATLANTA FINANCIAL CENTER  
3343 PEACHTREE ROAD, NE  
ATLANTA, GA 30326-1044

Examine  
FOURSON III  
Art Unit  
2823

Paper Number

Date Mailed: 05-24-05

### Notice Regarding Drawings

Corrected drawings for the above-identified application, received in the USPTO on 03/26/01 are still not acceptable for the reason(s) identified on the attached PTO-948. Applicant is given one opportunity to correct the informalities within a two-month time period from the mailing date of this notice. **THIS TIME PERIOD IS NOT EXTENDABLE UNDER EITHER 37 CFR 1.136(a) OR 1.136(b).** Failure to take corrective action within the set period will result in abandonment of the application.

ATTACHMENT: PTO-948 Notice of Draftsperson's Patent Review

#### RETURN CORRECTED DRAWINGS TO:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**RECEIVED**

**MAY 27 2005**

**MORRIS MANNING & MARTIN**

ANHDAO DOAN  
703 - 305 - 0333 Ext. 136

DOCKETED  
5/25/05  
5/25/05



## NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 3/26/04 are:

- A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.  
B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

**1. DRAWINGS.** 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required).

☐ Color drawings are not acceptable until petition is granted. Fig(s) \_\_\_\_\_

☐ Pencil and non black ink not permitted. Fig(s) \_\_\_\_\_

**2. PHOTOGRAPHS.** 37 CFR 1.84(b)

☐ One (1) full-tone set is required. Fig(s) \_\_\_\_\_

☐ Photographs may not be mounted. 37 CFR 1.84(e)

☐ Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) \_\_\_\_\_

☐ Poor quality (half-tone). Fig(s) \_\_\_\_\_

**3. TYPE OF PAPER.** 37 CFR 1.84(e)

☐ Paper not flexible, strong, white, and durable.

Fig(s) \_\_\_\_\_

☒ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted.

Fig(s) 8

**4. SIZE OF PAPER.** 37 CFR 1.84(f): Acceptable sizes:

21.0 cm by 29.7 cm (DIN size A4) or

21.6 cm by 27.9 cm (8 1/2 x 11 inches)

☐ All drawing sheets not the same size.

Sheet(s) \_\_\_\_\_

☐ Drawings sheets not an acceptable size. Fig(s) \_\_\_\_\_

**5. MARGINS.** 37 CFR 1.84(g): Acceptable margins:

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

☐ Margins not acceptable. Fig(s) \_\_\_\_\_

Top (T) \_\_\_\_\_ Left (L) \_\_\_\_\_

Right (R) \_\_\_\_\_ Bottom (B) \_\_\_\_\_

**6. VIEWS.** 37 CFR 1.84(h)

REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig. 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed.

☐ Views not labeled separately or properly.

Fig(s) \_\_\_\_\_

**7. SECTIONAL VIEWS.** 37 CFR 1.84(h)(3)

☐ Sectional designation should be noted with Arabic or Roman numbers. Fig(s) \_\_\_\_\_

**8. ARRANGEMENT OF VIEWS.** 37 CFR 1.84(i)

☐ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) \_\_\_\_\_

**9. SCALE.** 37 CFR 1.84(k)

☐ Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction.

Fig(s) \_\_\_\_\_

**10. CHARACTER OF LINES, NUMBERS, & LETTERS.** 37 CFR 1.84(l)

☒ Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) 1

**11. SHADING.** 37 CFR 1.84(m)

☐ Solid black areas pale. Fig(s) \_\_\_\_\_

☐ Solid black shading not permitted. Fig(s) \_\_\_\_\_

**12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.** 37 CFR 1.84(p)

☐ Numbers and reference characters not plain and legible. Fig(s) \_\_\_\_\_

☒ Figure legends are poor. Fig(s) 1-8  
☐ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1)  
Fig(s) \_\_\_\_\_

☐ English alphabet not used. 37 CFR 1.84(p)(2)  
Fig(s) \_\_\_\_\_

☐ Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) \_\_\_\_\_

**13. LEAD LINES.** 37 CFR 1.84(q)

☐ Lead lines missing. Fig(s) \_\_\_\_\_

**14. NUMBERING OF SHEETS OF DRAWINGS.** 37 CFR 1.84(t)

☐ Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s) \_\_\_\_\_

**15. NUMBERING OF VIEWS.** 37 CFR 1.84(u)

☐ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) \_\_\_\_\_

**16. DESIGN DRAWINGS.** 37 CFR 1.152

☐ Surface shading shown not appropriate.

Fig(s) \_\_\_\_\_

☐ Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) \_\_\_\_\_

### COMMENTS:

- Fig. legends were placed incorrectly - Fig. 4-7.

Reviewer A.D.

If you have questions, call (703) 305-8404.

Date 5/24/05

Attachment to Paper No. \_\_\_\_\_